

What is claimed is:

1. A fuel injection system for a diesel engine, comprising:  
a fuel injection nozzle adapted to inject a fuel toward the interior of a combustion chamber of the diesel engine, and  
an inert material supply passage from which an inert material with respect to the fuel is supplied,

wherein the fuel from the fuel injection nozzle is injected toward an inert material supplied from the inert material supply passage.

2. The fuel injection system for a diesel engine according to Claim 1, further comprising

a controller controlling a quantity of the inert material supplied from the inert material supply passage.

3. The fuel injection system for a diesel engine according to Claim 1, wherein:

further comprising a fuel passage communicating with the inert material supply passage, and adapted to pass through the fuel injected from the fuel injection nozzle,

wherein the inert material supply passage is communicating with the fuel passage in a position offset from a center of cross sections of the fuel passage.